

REED'S CONSTRUCTION, INC.
1759 FAWN DROP ROAD
OAK HARBOR, WA. 98277
360/ 675-0269

May 7, 2003

Re: BOARD OF HEALTH PRESENTATION OVERVIEW

Dear Marianne,

Below is the outline of the major points of my presentation on *Operation, Monitoring & Maintenance*.

- ◆ **Who I am (a quick overview): designer, installer, pumper, monitoring and maintenance specialist.**
- ◆ **Where we have come from in the last 20 years with systems technology, operation, monitoring and maintenance.**
 - My own designs and installs past and present.
 - Ever increasing sophistication and complication
 - My system installs and failures.
 - The establishment of my second company 10 years ago to specifically address monitoring, maintenance and assist my clients and others in operating their systems.
 - 400 to 500 systems inspected every year. Many are distressed, failing or failed.
 - Huge cost to restore or repair a septic system to today's standards.
 - Restoration or resuscitation is possible but at a high cost.
 - Most repairs are at an extremely high cost
 - Simple education, routine monitoring and regular maintenance could prevent many of these events and the huge expense to those citizens.
- ◆ **Benefits of monitoring:**
 - Establishes a history of client use and system performance.
 - Establishes maintenance trends, based on monitoring data, allowing the client to plan for future expenses versus major cost surprises.
 - Monitoring provides the opportunity for client education.
 - Future generation education begins at home.
 - Neighbors, families and friends share and spread the news.
 - Prevents system distress and failures.
 - Protects personal and community investments and associated property values.
 - Protects the environment and each community's quality of life.
 - Promotes good public health
 - Allows the local health department to utilize manpower and funds on other aspects of public health.
- ◆ **Costs of monitoring:**
 - It's our choice to live outside a centralized sewer district.
 - With our choices come our responsibilities.
 - City sewer clients have a responsibility to fund their sewer service.
 - Septic system clients must be made aware of their responsibility to operate and maintain their personalized septic (sewer) system.
 - Average monitoring costs:
 - Gravity system monitoring fee \$96 to \$120 per year, usually only necessary once ever 3 years.
 - Pressure distribution, Glendon and mound systems \$120 to \$144 per year. \$10 to \$12/mo.
 - Alternative systems, ATU's, Proprietary and sand filters \$144 to \$240 per year. \$12 to \$20/mo.

Thank You,

Reed A. Tacia, President
Reed's Construction, Inc.